WHAT IS CLAIMED IS:

1. A liquid crystal display device, comprising:

a pair of insulating substrates bonded via a sealing material, and

liquid crystal filled between a pair of said insulating substrates,

wherein a cell gap is formed so as to gradually increase from a center to an end of a display area at room temperature.

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2. A liquid crystal display device, comprising:

a pair of insulating substrates bonded via a sealing material, and

liquid crystal filled between a pair of said insulating substrates,

wherein a cell gap is formed so as to gradually increase from a center to an end of a display area at room temperature in a range that no irregular display color appears, so that it is possible to smooth out a difference in thermal expansion amounts between said liquid crystal and said sealing material at a high temperature.

3. The liquid crystal display device as defined in claim 1, wherein in said display area, a cell gap is smaller in the center by less than 0.13μm than an average value of

cell gaps on an end at room temperature.

4. The liquid crystal display device as defined in claim 1, wherein in said display area, a cell gap is smaller in the center by 0.08μm or less than an average value of cell gaps on an end at room temperature.

5. The liquid crystal display device as defined in claim 1, wherein a cell gap is formed so as to gradually increase from the center to an end of said display area at room temperature, and a cell gap is formed so as to gradually decrease from the center to the end of said display area at a high temperature.

6. The liquid crystal display device as defined in claim 3, wherein a cell gap is formed so as to gradually increase from the center to an end of said display area at room temperature, and a cell gap is formed so as to gradually decrease from the center to the end of said display area at a high temperature.

7. The liquid crystal display device as defined in claim 4, wherein a cell gap is formed so as to gradually increase from the center to an end of said display area at room temperature, and a cell gap is formed so as to

gradually decrease from the center to the end of said display area at a high temperature.

8. The liquid crystal display device as defined in claim 1, wherein each of a pair of said insulating substrates is a glass substrate having a thickness of 0.55mm or less.

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9. The liquid crystal display device as defined in claim 1, wherein each of a pair of said insulating substrates is a plastic substrate having a thickness of 0.55mm or less.

10. The liquid crystal display device as defined in claim 1, wherein said liquid crystal display device is an STN liquid crystal display device.

11. The liquid crystal display device as defined in claim 10, wherein an operating temperature ranges virtually between -20°C and 70°C.

12. A liquid crystal display device, comprising:

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a pair of insulating substrates bonded via a sealing material, and

liquid crystal filled between a pair of said insulating

substrates,

wherein a cell gap is smaller in a center than any other part of a display area at room temperature such that a cell gap difference is set at a predetermined amount between the center and an end of said display area at a high temperature in a range that no display defect occurs.